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Docket No. 740756-875

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Shunpei YAMAZAKI

Serial No. 08/065,757

Filed: May 24, 1993

For: SUPERCONDUCTING CERAMICS

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Examiner: C. M. Koslow

Group Art Unit: 1755

Confirmation No. 3615

REQUEST FOR ACKNOWLEDGMENT OF  
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

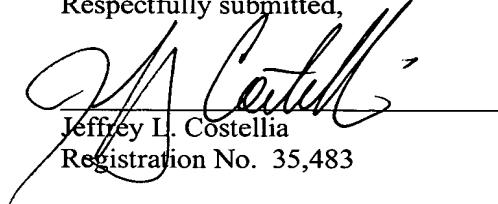
Sir:

An Information Disclosure Statement with Form PTO-1449 was filed in the above-identified patent application on April 5, 2004 and April 22, 2004. Applicants have not yet received back from the Examiner a copy of the Form PTO-1449 initialed to acknowledge the fact that the Examiner has considered the cited disclosed information.

The Examiner is requested to initial and return to the undersigned a copy of the subject Form PTO-1449.

Should there be any questions concerning this communication, please telephone the undersigned at the number set forth below.

Respectfully submitted,

  
Jeffrey L. Costellia  
Registration No. 35,483

Nixon Peabody LLP  
401 9<sup>th</sup> Street, N.W.  
Suite 900  
Washington, DC 20004-2128  
(202) 585-8000  
Fax: (202) 585-8080

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

This will acknowledge receipt of the following:

1. Information Disclosure Statement with PTO-1449 and references
5. Permission to charge Deposit Account # 19-2380 in the amount of \$180.00 (\$180 IDS Fee)

In re Patent Application of:

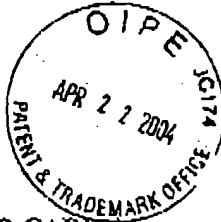
Inventor(s): Shunpei YAMAZAKI

Serial No.: 08/065,757

Filed: May 24, 1993

Title: SUPERCONDUCTING CERAMICS

Docket No. 740756-875



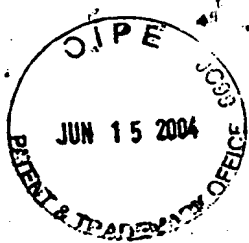
[JLC/plp] 8683

Date: 4/22/2004

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Shunpei YAMAZAKI

Serial No. 08/065,757

Filed: May 24, 1993

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Examiner: Carol Koslow

Group Art Unit: 1755

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, it is requested that the references listed on the attached Form PTO-1449 be made of record in the above-identified application.

The references listed on pages 1 and 2 of the attached Forms PTO-1449 were noted in the Information Disclosure Statement of April 5, 2004 but were inadvertently omitted. The references noted on pages 1 and 2 of PTO-1449 were previously cited in the above application on September 7, 2002 but were not considered by the Examiner. For this reason, copies of the noted references are not being provided with this document. However, if the references have been misplaced the applicant will provide the Examiner with duplicate copies. Consideration of these references is now requested.

Applicant also wishes to bring to the Examiner's attention page 3 of the attached PTO-1449 which note the following publications "Extended Abstracts of Annual Scholar Meeting" (The 36<sup>th</sup> Spring Meeting, 1989) 2A-E-7/pp. 101; and "Extended Abstracts of Annual Scholar Meeting" (The 36<sup>th</sup> Spring Meeting, 1989) 2A-E-8/pp. 101, which were noted in the prior Information Disclosure Statement of April 5, 2004 but were not available at that time. In addition to the above, applicant also wishes to bring to the Examiner's attention the Official Action dated November 5, 2003 which was issued in the related application Serial No. 07/859,254 to Shunpei Yamazaki and U.S. Patent No. 6,506,709 B1 issued to Yamazaki. In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

It is requested that the amount of \$180 be charged to the undersigned's deposit account as provided in the attached Fee Transmittal to comply with the provisions of 37 C.F.R. § 1.97(c).

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initial a copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

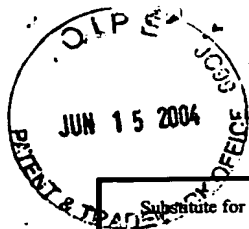
Respectfully submitted,

By:

  
Jeffrey L. Costellia  
Registration No. 35,483

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Suite 900  
401 9<sup>th</sup> Street, N.W.  
Washington, DC 20004-2128

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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	08/065,757
				Filing Date	May 24, 1993
				First Named Inventor	Shunpei YAMAZAKI
				Art Unit	1755
				Examiner Name	Carol Koslow
Sheet	3	of	3	Attorney Docket Number	740756-875

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-6,506,709 B1	01/14/2003	Yamazaki	
		US-			
		US-			
		US-			
		US-			
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		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
		Extended Abstracts of Annual Scholar Meeting (The 36 <sup>th</sup> Spring Meeting, 1989) 2A-E-7/pp. 101		
		Extended Abstracts of Annual Scholar Meeting (The 36 <sup>th</sup> Spring Meeting, 1989) 2A-E-8/pp. 101		
		Shunpei Yamazaki "Official Action for Serial No. 07/859,254 dated November 5, 2003"		
Examiner Signature			Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Form PTO-1449  
(Rev. 8-83)Department of Commerce  
Patent and Trademark Office

Atty Docket 0756-875

Serial No. 08/065,757

## INFORMATION DISCLOSURE STATEMENT

Applicants: Shumpei YAMAZAKI

Filing Date: May 24, 1993

Group Art Unit: 1109

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	
	Jorgansen et al., "Lattice Instability and High-Tc Superconductivity in La...", pp. 1024-1027, March 9, 1987, Physical Review Letters, Vol. 58, No. 10
	Mattheiss, "Band properties and Superconductivity in ...", pp. 1028-1030, March 9, 1987, Physical Review Letters, Vol. 58, No. 10
	Chu et al., "Evidence for Superconductivity Above 40k in the La-Ba-Cu-O Compound System", pp. 405-407, January 26, 1987, Physical Review Letters, Vol. 58, No. 4
	Chu et al., "Superconductivity at 52.5 k in the Lanthanum-Barium-Copper-Oxide System", pp. 567-569, January 30, 1987, Reports
	Bednorz et al., "Possible High Tc Superconductivity in the Baa-La-Cu-O System", pp. 189-193, 1986, Condensed Matter, 64

Examiner

Date Considered

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449  
(Rev. 8-83)Department of Commerce  
Patent and Trademark Office

Atty Docket 0756-875

Serial No. 08/065,757

## INFORMATION DISCLOSURE STATEMENT

Applicants: Shunpei YAMAZAKI

Filing Date: May 24, 1993

Group Art Unit: 1109

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
	4,797,510	01/10/1989	Mihelich			
	4,826,808	05/02/1989	Yurek et al.			
	4,900,715	02/13/1990	Cooper et al.			
	4,916,116	04/10/1990	Yamazaki			
	4,959,345	09/25/1990	Yamazaki			
	4,971,667	11/20/1990	Yamazaki et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	63-225531	09/20/1988	JP			Eng Abst	
	63-225572	09/20/1988	JP			Eng Abst	
	63-230563	09/27/1988	JP			Eng Abst	
	63-233063	09/28/1988	JP			Eng Abst	
	63-233064	09/28/1988	JP			Eng Abst	
	63-236712	10/03/1988	JP			Eng Abst	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	
	Er-Rakho et al., "A Series of Oxygen-Defect Perovskites Containing Cu <sup>II</sup> and Cu <sup>III</sup> the Oxides La <sub>1-x</sub> Ln <sub>x</sub> Ba <sub>2</sub> [Cu <sup>II</sup> <sub>5-2y</sub> Cu <sup>III</sup> <sub>2y</sub> O <sub>14+y</sub> ]", pp. 151-156, 1981, Journal of Solid State Chemistry 37
	LePage et al., "Room-Temperature Structure of the 90k Bulk Superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>8-x</sub> ", pp. 7245-7248, May 1, 1987, Physical Review B Vol. 35, No. 13
	Engler et al., "Superconductivity Above Liquid Nitrogen Temperature: Preparation and Properties of a Family of Perovskite-Based Superconductors", pp. 2848-2849, 1987, J. Am. Chem. Soc., 109
	Shaplygin et al., "Preparation and Properties of the Compounds Ln <sub>2</sub> CuO <sub>4</sub> (Ln=La, Pr, Nd, Sm, Eu, Gd) and Some of their Solid Solutions", pp. 820-824, 1979, Russian Journal of Inorganic Chemistry, 24(6)
	Politts et al., "Superconductivity at 40L in ...", pp. 141-144, 1987, Condensed Matter, 66
	Chemical Abstracts, CA 109:161912, for BR 8,702,554, (11-87)
	Engler et al., "Processing, Structure, and High-Temperature Superconductivity", pp. 266-271, 1987, Chemistry of High-Temperature Superconductors, ACS Symposium Series, 351
	Tarascon et al., "Oxygen and Rare-Earth Doping of the 90-K Superconducting Perovskite YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> ", pp. 226-234, July 1, 1987, Physical Review B, 36(1)
	Hor et al., "High-Pressure Study of the New Y-Ba-Cu-O Superconducting Compound System", pp. 911-912, March 2, 1987, Physical Review Letters, Vol. 58, No. 9

Examiner

Date Considered

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

This will acknowledge receipt of the following:

1. Transmittal with Fee Transmittal by Certificate of Mailing
2. Petition for Two Month Extension of Time by Certificate of Mailing
3. Amendment in Response to Office Action
4. Information Disclosure Statement with PTO-1449 and references (3)
5. Permission to charge Deposit Account # 19-2380 in the amount of \$600.00  
(\$420 EOT Fee; \$180 IDS Fee)

In re Patent Application of:

Inventor(s): Shunpei YAMAZAKI

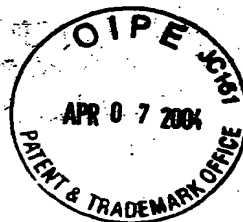
Serial No.: 08/065,757

Filed: May 24, 1993

Title: SUPERCONDUCTING CERAMICS

Due date: April 5, 2004

Docket No. 740756-875



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Date: 4/5/2004

**PLEASE DATE STAMP AND RETURN**



PT & TRADE MARK OFFICE  
APR 0-7 2004

JUN 15 2004  
PT & TRADE MARK OFFICE

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	08/065,757
		Filing Date	May 24, 1993
		First Named Inventor	Shunpei YAMAZAKI
		Art Unit	1755
		Examiner Name	Carol Koslow
Sheet 1 of 1	Attorney Docket Number	740756-875	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-4,996,185	02/26/1991	Fujimori et al.	
		US-5,036,043	07/30/1991	Subramanian	
		US-			
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>2</sup> (if known)				

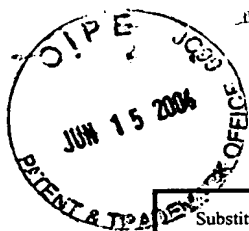
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>
		Extended Abstracts of Annual Scholar Meeting (The 36 <sup>th</sup> Spring Meeting, 1989) 2A-E-7/pp. 101	
		Extended Abstracts of Annual Scholar Meeting (The 36 <sup>th</sup> Spring Meeting, 1989) 2A-E-8/pp. 101	
		U.S. Patent Application Serial No. 07/859,254, filed: March 26, 1992, Shunpei YAMAZAKI, "Superconducting Ceramics"	

Examiner Signature		Date Considered	4/30/04
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	08/065,757
				Filing Date	May 24, 1993
				First Named Inventor	Shunpei YAMAZAKI
				Art Unit	1755
				Examiner Name	Carol Koslow
Sheet	1	of	1	Attorney Docket Number	740756-875

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		Number - Kind Code <sup>2</sup> (if known)			
		US-4,996,185	02/26/1991	Fujimori et al.	
		US-5,036,043	07/30/1991	Subramanian	
		US-			
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Extended Abstracts of Annual Scholar Meeting (The 36 <sup>th</sup> Spring Meeting, 1989) 2A-E-7/pp. 101	
		Extended Abstracts of Annual Scholar Meeting (The 36 <sup>th</sup> Spring Meeting, 1989) 2A-E-8/pp. 101	
		U.S. Patent Application Serial No. 07/859,254, filed: March 26, 1992, Shunpei YAMAZAKI, "Superconducting Ceramics"	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Clean copy of the PTO form 1449 that was received in PTO 4/7/4